

On the Etiology of Essential Pulmonary Hemangi-
derosis, by A. Propst, 9 pp.

GERMAN, per, Verhandl der Deutsch Gesellschaft
fuer Pathologie, 38th meeting, 1954, pp 314-320.

NIH 7-20

Sci - Medicine
Aug 59

SLA 59-18119

93, 134

Morphology and Pathogenesis of Essential
Lung Hemosiderosis, by A. Propst, 56 pp.

GERMAN, per, Virchows Archiv, Vol CCCXVI,
No 6, May 1955, pp 633-663.

NIH 6-21.

Sci - Med

Jun 59

90, 312

Electron Microscopic Studies on Tuberculous
Necrosis in Man, by M. Ratzenhofer, A. Propst,
20 pp.

GERMAN, per, Mikroskopie, Vol VIII, No 7/8,
1953, pp 226-234. SIA 2018

NIH

Scientific - Medicine
CIS 70/Jul 55

25,548

Electron Microscopic Studies of Pathological
Calcification Foci in Human Tissues, by
F. Grasenick, A. Propst, M. Ratzenhofer,
11 pp.

GERMAN, per, Monatschr fuer Chem, Vol LXXXIII,
No 4, 1952, pp 1062-1068.

NIH

Scientific - Medicine
CTS 70/Jul 55

25,547

Morphology of Hyalin, by M. Ratzzenhofer,
A. Propst, 12 pp.

GERMAN, per, Verhandl d Deutsch Path
Gesellsch, 37th Meeting, 1953.

NIH

Scientific - Medicine
CTS 70/Jul 55

25,531

With a Sense of Great Responsibility, by N.A.
Prorekhin, 6 pp.

RUSSIAN, per, Vest Voz Flot, No 6, 1960, 9658901.

ATIC

135,104

Sci
Dec 60

Study of the Natural Foci of Tick Rickettsiosis
in Southwestern Kirgizia, by T.L. Proreshnaya
and L.P. Rapoport.

RUSSIAN, per, Zhurnal Mikrobiologii i Epidemiologii
Tamun, Vol. 40, No. 12, pp. 56-60, 1963.

SIA-TT-60973

NH 4-70-65

T. L. Proreshnaya

Aug 66

309,233

A Study of Natural Foci of Q Fever in
Kirgizia, by T. L. Proreshnaya,
L. P. Rapoport, V. G. Evdoshenko,
6 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol
i Immunobiol, Vol XXXI, No 9, 1960,
pp 32-37.

FP

198,404

Sci

Feb 62

A study of a focus of Q fever in the Issyk-Kul'sk district of the Kirghiz S.S.R., by T. L. Proreshnaya, N. K. Mishchenko, 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol, Vol XXIX, No 2, 1958, pp 54-58.

Pergamon Inst

Sci - Med

Jan 59

80,109

Gas Chromatographic Investigation of Hydrazine in
Aqueous Solution, by U. Prosch, et al.
Abstract, in, Zeitschrift für Chemie, Vol 3, No 12,
1975, pp 404-409.
*421 2420

50

U. Prosch

Sci/Chemistry
56: 66

42

The Electrolysis of Liquid Ammonia,
by L. Klotz and U. Prosch.
GERMAN, Zeitschrift für
Elektrochemie, Vol 28,
pp 105-110, 1961.

U. Prosch

SEP
1963

Study of a Thermal Electron Detector to Determine
the Flux Distribution in a Collimated Beam, by
G. Raynor, A. Prosdocimi.
FISCH, rpt, ENE 133 2
ILL Ref: 9091.97 (Inventory 335)

A. Prosdocimi

Sci/Phys
Mar 69

375,669

Hygiene Education Among Schoolchildren, by A.
Prosetskaia, 1 p.

RUSSIAN, per, Narodnoye Obrazovaniye, No 10,
1959, pp 62, 63.

Internatl Arts and Sci Press
Soviet Education
Vol II, No 5

USSR
Soc
Jun 60

(NY-6502)

~~XXXX~~ INTER-HIGHER EDUCATIONAL INSTITUTION CONFERENCE
ON THE EDUCATION AND UPBRINGING OF CHILDREN IN BOARDING
SCHOOLS, BY V. A. PROSETSKIY, 3 PP.

RUSSIAN, PER, SOVET PEDAGOGIKA, NO 10, 1961,
PP 154-155.

JPRS 14358

USSR
SOC
JUL 62

202,465

The Latest Development of the Konitest Dust
Measuring Installation (operating on an
Electrostatic Friction Basis, R. Prochazka.
GRIMAN, per, Staub, Vol XXIV, Sept 64, pp
353--359.
BRI 3993

Prochazka

Sci-11/M
Apr 65

278471

MANGETER PLANT MUST SPECIALIZE IN ELECTRONIC
INSTRUMENTS MANUFACTURE, BY N. FEDORCHINA,
G. KUDNETSOV, ET AL, 6 PP.

RUSSIAN, NP, VECHERNIYAYA NOBVA, 4 DEC 62, P 2.

SPR 20610

USSR-ECON

AUG 63

238,761

Natural Infection of Wild Animals of Northern Kirghizia
with *Rickettsia Burneti*, by N V. G. Yevdoshenko,
T. L. Prorokova, 4 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 5, 1961,
pp 602-605.

PP

Sci

Oct 62

216,114

39
Correction of Building Structures in Fish-
Processing Plants, by A. V. Chelko and A. P.
Proshin.
BUREAU, 1967, Science Information, Vol 42, No 9,
pp 17-50.

Dept of Interior
Fish and Wildlife Service
1967, Bureau of Foreign Fisheries

501-200
Nov 67

PROSHIN, A.P.

345,29

Measures for Combating Atmospheric Pollution in
Moscow, by P. I. Proshin.

RUSSIAN, per, Gig i San, No 1, 1951, pp 13-16.

NIL M. 4895

Doc - Med

Aug 62

297, 158

Non-Occulating Coronagraph With a High-Dispersion
Stationary Spectrograph, by G. M. Nikol'skiy,
V. P. Proshin, 6 pp.

RUSSIAN, per, Geomagnet i Aeron, Vol II, No 3,
1962, pp 532-540.

AQU

241,945

Sci -
Nov 63

The Theory and Computation of the Equilibrium Form
of a Cable Towed in the Water, by V. P. Pzoshin, 5 pp.

RUSSIAN, per, Geomagnet i Aeron, Vol II, No 2,
1962, pp 357-362.

ACU

Sci -
Nov 63

241,963

(NY-6706)

Comparative Characterization of the Fertility
of Five Generations of Mice From Irradiated
Males, by A. D. Proshina, KKM 11 pp.

RUSSIAN, per, Medit Radiolog, No 1, 1961,
pp 41-48.

JPRS 10884

175,796

Sci
Dec 61

Atmospheric-Vacuum Pipe Still Throughput
Increased Without Unit Area Increase, by
A. A. Proshkin, V. N. Proshkin, V. N. Kotova,
5 pp. UNCL

RUSSIAN, per, Neftyanik, No 12, 1958, pp 15-18.

AF 1255587

Sci - Eng
Apr 59

84,837

Methods of Determining the Strength of Spheroidal
Silica-Alumina Catalysts, by A. A. Proshkin,
4 pp.

RUSSIAN, per, Khim i Tekhnol Topliva, No 6, 1956,
pp 57-60.

Assoc Tech Serv 71111R

4111 27-703

Jul 58

69, 993

A Study of Discontinuity in the F-layer of the
Ionosphere, by E. G. Proshkin, B. L. Kashcheyev,
12 pp.

RUSSIAN, par, Radiotekhnika i Elektronika, Vol II,
No 7, 1957, pp 819-825.

Pergamon Inst.

Sci - Electronics
Dec 58

63,037

Jan 61

Investigation of the Ionosphere in Khar'kov During
the IGY, by E. T. Kashcheyev, N. T. Tsybal,
V. G. Proshchin, 12 pp.

RUSSIAN, rpt, Issledovanie Ionosfery nad Khar'-
kovem v Period Mezhdunarodnogo Geofizicheskogo
Goda.

o
Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics
Jan 61

136,258

Study of the Ionosphere Above Khar'kov During
the IGY Period, by B. L. Kashcheyov, N. T.
Tsybal, Ye. G. Froshkin, 16 pp.

RUSSIAN, ppt, compiled by the interdepartmental
committee responsible for the IGY program attached
to the Presidium of the Academy of Sciences of
the USSR, Moscow, 1959.

NASA TT F-20

118,657

Sci - Geophys

Jun 60

A New Method of Producing Glass Tiles, by
M. A. Tsaritsyn, A. I. Proshkina, 4 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVI, No 4,
1959, pp 19-21.

CB

Sci
Sep 62

210,392

Composition of Protective Glass for Electric
Welders Suitable for Machine Working, by M. A.
Tsaritsyn, A. I. Proshkina, 3 pp.

Russian, per, Steklo i Keramika, Vol XV, No 10,
1958, pp 36-39

CB

Sci

Nov 60

133,141

Determination of the Heat of Formation of
Manganese and Nickel Tungstate, by Z. V.
Proshina, T. N. Rezhkina, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 5,
1960, pp 1016-1021.

Cleaver-Hume

Sci

Feb 61

13 F, 336

CONTINUATION OF DISCUSSIONS IN EAST AND WESTERN
POLYMERIZATION CHAINING BY A. A. FRIEDMAN,
M. P. JANTZEN, ET AL. 8 PP.

RESEARCH, PERS. 12 AC 1968 8000. OTHER THAN NAME,
NICKEL 1 TOP LINE, NO 6, 1968, PP 107-111.

JUN 10 1968

SCI - NAT-DET

MAY 63

230,109

Infrared Absorption in Highly-Doped Germanium, by
V. S. B gnev and G. P. Proshko, 8 6pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 11,
1962, pp. 3228-3235.

Amer Innt of Phys
Sov Phys - Solid State
Vol IV, No 11

Sci

Jun 63

342,676

An Investigation of Mechanisms for Advancing Thread
Movement, by A. F. Proshkov, 13 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh Tekstil
Prom, No 1(14), 1960.

Textile Institute

Sci

May 62

193,052

(SF-1850)

FIELD TRAINING IS PRIMARY, BY A. I.
PROSHLYAKOV, 4 PP.

RUSSIAN, NP, KRASNAYA ZVEZDA, 18 FEB 1962,
P 2.

JPRS 13595

USSR
MIL
MAY 62

193,097

Albian Lithofacies in Central and
Eastern Caucasus, by B. K. Prosklyakov,
6 pp.

RUSSIAN, for, Soviet Union Geology,
Vol 6, No 2, 1963, pp 72-81.

DOI in International Geology Review,
No. 6, no 11, pp 2035-2041

B. K. Prosklyakov
336,274

Sci
67

Proshlyakov, B. K.
RESERVOIR PROPERTIES OF ROCKS AS A FUNCTION OF THEIR DEPTH AND LITHOLOGY. [1961]
5p.

Order from ATS \$10.20

ATS-12N50R

Trans. of [Geol[ogiya] Nefti i Gaza (USSR) 1960,
v. 4, no. 12, p. 24-29.

DESCRIPTORS: *Petrology, *Rock, Physical properties

ATS - RJ - 3421

(Earth Sciences--Geology, TT, v. 6, no. 9)

61-25185

- I. Proshlyakov, B. K.
- II. ATS-12N50R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Vanadium in Oil-Bearing Carbonate Rocks of
the Paleogene of North Fergana, by B. K. Proshlyakov
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^{CXIX} ~~CXXVI~~, No 4,
1958, pp 741-744.

Consultants Bureau

~~Extract~~
Sci - Geophys

Jun 59

88,657

Petrographic Features of the Permo-Triassic of the
Buzachi Peninsula, by B. K. Proshlyakov, Yu. M.
Vasilyev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 1,
1960, pp 188-191.

AGI

Sci

Aug 61

166, 292

Dependence of reservoir properties on depth of
occurrence and lithologic composition of rocks
By B. K. Proshlyakov pp. 5

RUSSIAN, per: Geolog Nefti i Gaza, Vol IV, No 12-B,
1960.

RRG

Sci

240-943

Oct 63

The Petrographic Peculiarities of the Carboniferous
of the Southern Enba Uplift, by Yu. M. Vasilyev
and B. K. Proshlyakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 5,
1957, pp 968-970.

Consultants Bureau

Sci - Geophys
Sep 58

72,647

Modern Views on Gelation in Polymer Solutions and
on the Structure of Gels, by Yu. B. Lipatov,
M. V. Prishlyakova, 6 pp.

RUSSIAN, per, Uspekhi Khim, Vol XXX, No 4, 1961,
pp 517-531.

Clavver-Hans Press

Sci
Jun 62

200,096

Structure of Gels. XII. Preparation of Gels From
Solutions of a Copolymer of Methyl Methacrylate
and Methacrylic Acid, by N. F. Proshlyakova, et al.

RUSSIAN, per, Kolloid Zhur, Vol. XX, No 2, 1958,
pp 199-201. CIA 9044238

ATE RJ-1632

Sci - Chem

Jul 59

90,830

The Treatment of Tetanus by Means of
Muscle Relaxants, by K. T. Proshunin

RUSSIAN, mo per, Voenno Med Zhur, No 1,
Moscow, Jan 1960, pp 52-54

US JPRS 2641-N

Sci

Jun 60

118,046

Therapy of Tetanus with Preparations
of Curare-Like Action, by K. T. Proshunin

RUSSIAN, mo per, Voenno Med Zhur, No 9,
Moscow, Sep 1958, pp 35-37

US JPRS/NY 1108

sci-med
Jan 59

79,638

Descriptions of New Soviet Submarines, by P. N. Proskudin,
7 pp.

RUBIN, P., Technology of Submarine, No 11, 1963,
pp 25-27.

3P22 21780

1963
2000
2000

246,501

Theory of Passing Wideband Signals in Earth-Satellite Communications Systems, by A. V. Prosin, 10 pp.

RUSSIAN, per, Radio i Elek, Vol VIII, No 11, 1963.

IEEE

Sci
Sept 64

~~266,0507~~
266,057

(SF-2146)

Radio-Relay Communication Lines, by
A. V. Prosin, A. N. Tsvetkov, 91 pp.

RUSSIAN, bk, Radioreleyuyye Linii Svyazi,
1961, pp 1-107.

JPRS 12827

Sci - Electron

187,971

Mar 62

On the Theory of Cross-Distortion with Long-
Distance Tropospheric UHF Propagation, by
A. V. Prosin, 19 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V,
No 7, 1960, pp 1052-1064. 967 2593

PP

164, 593

Sci

Aug 61

The Dependence of Scatter Power on the Statistical
Characteristics of a Turbulent Atmosphere, by
A. V. Prosin, 13 pp.

RUSSIAN, per, Elektrosvyaz, No 12, 1960.

UBASIA Tr-1142

Sci - Geophysics
May 61

150,573

On Diversity-reception Theory for ~~MOX~~ Ultra-short
Waves Propagated over Large Distances by means of
the Troposphere, by A. V. Prosin, V. F. Gubskiy,
14 pp.

RUSSIAN, per, Radiotekh, Vol XIV, No 5, 1959,
pp 23-33.

PP

150,044

Sci

Apr 61

Noise and Fading Accumulation in Single Sideband
Radio Communication Relay Stations, by V. I. Siforov,
A. V. Prosin, 3 pp.

RUSSIAN, per, Radiotekhnika, Vol XVI, No 8, 1961.

ATTE

Sci
11 Jun 62

198,708

Microfilm of Statistical Data
Radio Electric Through the Use of an Electronic
Computer by A. V. Prosin, A. B. Gerasimov,
P. P. Ivanov, 7 pp.

RUSSIAN, per, Radiotekhnika, Vol. 34, No. 5,
1961.

ADZE

Sci

180.34

Feb 62

Calculation of Scattering Power in Long-Range Scatter
Propagation of UHF Waves Via the Troposphere, by
A. V. Prosin.

RUSSIAN, per, Elektrosvyaz, No 8, 1958,
pp 13-21.

Ferganon Press

Sci

Mar 60

111,365

Dependence of Scattered Power on Antenna Directivity,
by A. V. Prosin, 5 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V, No 2,
1960, pp 330-333.

PP

166, 313

Sci

Sep 61

Calculation of Cross Talk Disturbance Arising as a
Result of Mismatch of a Feeder in F. M. Radio Relay
Circuit Using Long Distance UHF Propagation, by A. V.
Prosin, 4 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol 2, No 5,
1957, pp 660-663.

Pergamon Inst

Sci - Electronics
Nov 58

76,135

On Distribution Curves of Amplitude Envelope at
Output of Selector System With Random Emf Frequency
Swing, by A. V. Prosin,

RUSSIAN, per, *Electrosviaz*, 1958, No 1, pp 9-14.

Pergamon Press

Sci
Feb 60

108,257

Intermodulation Distortion in Multichannel Links
With FM in USW Scatter Propagation, by A. V. Prosin,
17 pp.

RUSSIAN, per, Radiotekh, Vol XV, No 8, 1960, pp 3-12.

FP

Sci -
Apr 61

146,558

Prosin, A. V.

THE DEPENDENCE OF SCATTER POWER ON THE
STATISTICAL CHARACTERISTICS OF A TURBULENT
ATMOSPHERE. [1962] [14]p. 5 refs. [USASIA] Trans.

log. no. 1142.

Order from OTS or SLA \$1.60

62-32630

Trans. of 'Elektrosvyaz' (USSR) 1960 [v. 14] no. 12
[p. 3-10].

DESCRIPTORS: Atmosphere, *Troposphere, *Atmos-
pheric motion, Dielectric properties, Permeability,
*Radio waves, Propagation, *Scattering, Statistical
functions, Antennas

On the basis of the correlation function and assuming
the intensity of the dielectric permeability fluctuations
to be arbitrarily and progressively dependent on height,
a general method has been worked out for the calculation
(Physics--Wave Propagation, TT, v. 9, no. 9) (over)

62-32630

- I. Prosin, A. V.
- II. USASIA Trans-1142
- III. Army Signal Intelligence
Agency, Arlington, Va.

Office of Technical Services

Calculation of Cross Noise Power in Long-Distance
Scatter Communications Systems, *A. V. Prosin, 10 p*

RUSSIAN, per, Radiotekh i Elektron, Vol VI,
No 1, 1961, pp 14-24.

AIEE

Sci

170, 282

Oct 61

Experimental Investigation of Long-Range
Tropospheric UHF Propagation With Diversity
Reception, by A. V. Prosin, I. P. Levshin,
G. I. Slobodenyuk.

RUSSIAN, per, Radiotekhnika, Vol XIV, No 10,
1959, pp 3-14.

USASIA: SC-109/60

Sci-Phys

Jul 60

120,798

Multifrequency Phase Fluorometer With Double
Frequency Conversion, by S. F. Kilin, G. P.
Prosin, I. M. Rozman, 5 pp.

RUSSIAN, per. Pribury 1 Tekhnika Eksperimenta,
No 2, 1959, pp 57, 58.

USASIA SC-590/59

Sc1 - Electronics

Apr 60

114,355

Minimal Air Temperature in the Upper Troposphere
Above the Pacific Ocean, by V. T. Prosin.

RUSSIAN, per, Met i Gid, No 12, 1962, pp 25-26.

NLL Ref: 5828.4 1963 (5 339)
(Loan)

Sci - Earth Sci & Astron
Aug 63

343,386

Hydrocortisone Values in the Determination of
Adrenal Function, by V. Mikulicic, M. Prosenjak,
7 pp.

SERBO-CROATIAN, per, Lijecnicki Vjesnik,
Vol LXXIV, No 7, 1963, pp 713-719.

2

OTS 63-11458/7
PL-480

Sci
Jul 64

263,100

Recent Operational Investigations on the Main
Drives of Ingot Casting Mills, by M. Franko,
M. Hoffmann.

GERMAN, per: Stahl und Eisen, Vol. LXXXIII,
No 6, Parts I-III, 1963, pp 702-715.

BISI 3349

Sci - Engr
Oct 63

240, 164

Relation Between Microseismic Fluctuations and the
Position of Cyclones Over Oceans, by Ye. F. Savarenskiy,
T. A. Proskiryakova, V. S. Tsirol-Spirintsova, RUSSIAN
10 pp.

RUSSIAN, bino per, Met i Gid, No 6, Leningrad,
Nov/Dec 1955, pp 13-18.

CIA/RDD U-8280

USSR
Sci - Geophysics

May 56/der

35,896

Investigation of the Energy Spectrum of Protons
of the Internal Beam of a Phasotron, by Yu. D.
Proskoshkin, G. N. Tentyukova, 7 pp. UNCLASSIFIED

RUSSIAN, bino per, Pribury i Tekhnika Eksperimenta,
No 2, Moscow, Mar/Apr 1957, pp 18-22.

U3 JPRS/NY-366

(NY-1357)

64,027

Sci - Phys
May 58

The Influence of the Number of Blades in the
Working Rotor Set of the Rotating Turbine on the
Coefficient of the Useful Effect, by G. P. Proskura.
UNCL

RUSSIAN, per, Prikl Mekh, Vol I, No 3, 1955, pp 276-
280

DSIR 33922/CT

Sol - Engr, hydraulics
Mar 59

83,379

Periodic Solutions of Quasilinear Autonomous
Systems With One Degree of Freedom in the Form
of Infinite Series With Fractional Powers of
the Parameter, by A. P. Proskuriakov, 12 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXV, No 5,
1961.

Pergamon Press

Sci
Jul 64

263,509

Time-Analytical Description of Operation of Logical Elements, by G. M. Proskurin, 6pp

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV, No 6,
1963, pp 844-849.

ISA

245,915

SO1
Jun 68

(NY-6685)

Communication Workers of Guinea Are Improving
the Service PRESENT to the Health-Resort Guests,
by I. P. Proskurin, 6 pp.

RUSSIAN, per, Vest Svyazi, no 6, 1961.

JPRS 10979

175,851

Scl
Dec 61.

AEC-tr-4497(p.134-44) Uncl.

SENSITIZATION OF RADIOCHEMICAL PROCESSES IN
AQUEOUS SOLUTIONS. II. REACTIONS OF MOLECULAR
OXYGEN. M. A. Proskurin, B. D. Orekhov, E. V.
Barelko, and A. I. Chernova. Translated from
Trudy Vsesoyuz. Nauch.-Tekh. Konf. po Primenen.
Radioaktiv. i Stabil. Izotopov i Izlucheni v
Narod. Khoz. i Nauke, Moscow, 1957 (1958).
Izotopy i Izlucheniya v Khim., p.113-20.

C-4 P NSA

N-6

NASA TT F-45

National Aeronautics and Space Administration.

FIRST-ORDER PERTURBATIONS IN THE MOTION
OF EARTH SATELLITES DUE TO OBLATENESS OF
THE EARTH. V. F. Proskurin and Yu. V. Batrakov.
November 1960. 12p. OTS price, \$0.50.

(NASA TECHNICAL TRANSLATION F-45. Transla-
tion from *Iskusstvennyy Sputnik Zemli*, no. 3, 1959,
p. 32-38 (USSR))

An analytical theory is presented for artificial earth
satellites, on the assumption that the oblateness of
the planet is small enough so that the perturbation
function in powers of the oblateness can be limited to
the term containing only the first powers of the
oblateness of the earth. This portion of the perturba-
tion function is expanded in powers of the eccentricity.
Integration of the ordinary Lagrange equations yields
analytical expressions of the first-order perturba-
tions relative to the oblateness of all of the elements
of the orbit, accurate to the fourth degree of the
eccentricity inclusive.

Copies obtainable from NASA, Washington

- I. Proskurin, V. F.
- II. Batrakov, Yu. V.
- III. NASA TT F-45
- IV. *Iskusstvennyy Sputnik Zemli*, no. 3, 1959,
p. 32-38 (USSR)

(Initial NASA distribution:
6, Astronomy; 7, Astro-
physics; 16, Cosmochem-
istry; 17, Communications
and sensing equipment,
flight; 21, Geophysics and
geodesy; 30, Physics,
atomic and molecular;
31, Physics, nuclear and
particle; 33, Physics, theo-
retical; 46, Space mechan-
ics; 47, Satellites.)

132,384

NASA

Perturbations in the Motion of Artificial Satellites
Due to the Oblateness of the Earth, by V. P.
Proskurin, V. V. Batrakov, 13 pp.

RUSSIAN, per, Byul Inst Teoret Astron, Vol VII,
No 7 (90), 1960, pp 537-548.

ARS
Vol XXXI, No 1

Sci-Space Res

Mar 61.

141,735

NASA TT F-46

National Aeronautics and Space Administration.
PERTURBATIONS OF ORBITS OF ARTIFICIAL
SATELLITES DUE TO AIR RESISTANCE. Yu. V.
Batrakov and V. F. Proskurin. November 1960.
13p. OTS price, \$0.50.

(NASA TECHNICAL TRANSLATION F-46. Transla-
tion from Iskusstvennyy Sputnik Zemli, no. 3, 1959,
p. 39-47 (USSR))

Presentation of a general form of the first-order per-
turbations in the elements of an elliptic satellite orbit,
caused by the resistance of the air, is undertaken.
It was assumed that the earth's atmosphere has a fully
spherical density distribution and that the attraction of
the earth can be replaced by the attraction of the
material point, placed at its center of inertia and
having the same mass as the earth. These assump-
tions, along with the secular perturbations, are used
to obtain faster perturbations whose periods do not
exceed the period of one rotation of the satellite.

Copies obtainable from NASA, Washington

- I. Batrakov, Yu. V.
- II. Proskurin, V. F.
- III. NASA TT F-46
- IV. Iskusstvennyy Sputnik
Zemli, no. 3, 1959,
p. 39-47 (USSR)

(Initial NASA distribution:
6, Astronomy; 7, Astro-
physics; 16, Cosmochem-
istry; 17, Communications
and sensing equipment,
flight; 21, Geophysics and
geodesy; 30, Physics,
atomic and molecular;
31, Physics, nuclear and
particle; 33, Physics,
theoretical; 46, Space
mechanics; 47, Satellites.)

133,876

NASA

Our Engineer, by V. N. Chernyshev, V. Ya.
Proskurin, 4 pp.

RUSSIAN, no per, Vest Voz Flot, No 5, 1957,
pp 63-68. CIA 605722.

ATIC

60,933

USSR
Military
Mar 58

Proskurin, V. F. and Batrakov, Yu. V.
PERTURBATION OF THE FIRST ORDER IN THE
MOTION OF AN ARTIFICIAL SATELLITE CAUSED
BY THE OBLATENESS OF THE EARTH, tr. by
H. P. Theilman. 1 Nov 60, 12p. 2 refs. Language
trans. series no. 1.

Available free from Land-Air as LTS-1.

When supply is exhausted, order from LC or SLA
mi\$2.40, ph\$3.30 as 61-15118

Trans. from [Iskusstvennyye Sputniki Zemli] (USSR)
1959, no. 3.

The motion of the satellite and the gravitational field of
an oblate planet is considered under the assumptions
that the inclination of the orbit may be arbitrary, that
the planet has the form of a smooth ellipsoid of revolution,
and that the polar compression is small enough so
that the expansion of the perturbation function can be
restricted to the first degree term. The perturbation
function is expanded into a power series in terms of the
eccentricity; the coefficients of this series are ex-
(Engineering--Satellite Vehicles, TT, v. 5, no. 3) (over)

61-15118

1. Satellite vehicles--Motion
- I. Proskurin, V. F.
- II. Batrakov, Yu. V.
- III. Land-Air LTS-1
- IV. Land-Air, Inc., Point Mugu,
Calif.

Office of Technical Services

Intermediate Products of the Radiolysis of
Water, by V. A. Shatysky, M. A. Proskurnin.

FOR GOVERNMENT USE ONLY

RUSSIAN, per, Akad. Nauk SSSR, Izv. II,
Usloviya i mekhanizmye po radiatsionnoy
khimii, 1962, pp 122-125.
AM/RSC/ET-23-54-63

M.A. PROSKURNIN

Sci/Chem
Dec 68

354,763

The Conversion of Oxidative Radiolysis Components in
the Nitrate-Water System, by M. A. Proskurnin, V. A.
Sharpatyy, V. I. Smirnova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 2,
1961, pp 410-413.

CS

190,313

Sci

Apr 62

Erection of Precast Reinforced Concrete
Structures (Chapter V), by Ya. R. Bresser,
V. P. Proskurpin, 36 pp.

RUSSIAN, bk, Montazh Sbornykh Zhelezobetonnykh
Konstruktsiy, Moskva, 1958, pp 187-213.
9671480

FTD MCL-1050/1

Sci - Engr
16 Nov 61

173,203

(FID 19619)

Ashkhabad Astrophysical Laboratory, by Ye. M.
Proskurina, I. S. Astapovich, 15 pp.

RUSSIAN, bino per, Astron Zhur, Vol XXVIII, No 4,
Moscow, Jul/Aug 1951, pp 278-283.

CIA/FID/U-5635

USSR

Sci. - Astronomy, astrophysics, laboratory

Mar 54 CTS

11,719

Periodic Oscillations of Quasilinear Autonomous Systems
With two Degrees of Freedom, by A. P. Proskuriyakov, 10

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXIV, No 6, 1960,
pp 1103-1109.

PP

164, 744

Sci

Aug 61

TT-65-28074	Field 8G
Proskurko, A. L.	
IMPORTANCE DES MINERAUX ACCESSOIRES ET DES ELEMENTS RARES POUR LA RESOLUTION DES PROBLEMES DE CYCLES MAGMATIQUES.	
CNRS-G/X-1795; Org. 80-4501.	
Order from CNRS as G/X-1795	
Trans. in French of Przegląd Geologiczny (Poland) v10 n7 p347-50 1962.	
A205132	
European Translations Centre	

TT-65-28074

Field 8G

Proskurko, A. I.

IMPORTANCE DES MINERAUX ACCESSOIRES ET
DES ELEMENTS RARES POUR LA RESOLUTION
DES PROBLEMES DE CYCLES MAGMATIQUES.
CNRS-G/X-1795; Org. 80-4501.
Order from CNRS an G/X-1795

Trans. in French of Przegląd Geologiczny (Poland)
v10 n7 p347-50 1962.

I. Centre National de la
Recherche Scientifique,
Paris (France)

European Translations Centre

Epi - and Pseudoleucites of the Alkaline
Effusions of Pamir, by A. I. Proskurnko,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 6, 1959, pp 1389-1392.

AGI

Sci

Jun 61

154,695

TP 918

PROSKURNIN M. A., SHARPATYI V. A.

Intermediate products of the radiolysis of water

Produits intermédiaires de la radiolyse de l'eau

* Zhur. Fiz. Khim., 34, No. 9, 2126-2128 (1960)

Commissariat à l'Energie Atomique, Saclay - French

* Cleaver Hume Press, Ltd., London - English

E u r a t o m

Nature of the Insoluble Product Formed in the Radio-
lytic Oxidation of Benzene in Water, by E. V.
Barelko, L. I. Kartesheva, M. A. Proskurnin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 1,
1957, pp 74-77.

Sci - Chem
Oct 58

Consultants Bureau
AEC NP 119
CEA-74-2500
74, 429

The Oxidation of Chlorobenzene in Aqueous Solutions
Irradiated by Gamma Rays, N.P. Krushinskaya, ~~and~~^{ed}
M.A. Proskurnin 3pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXVIII,
No 9, 1959, pp195-1961

Cleaver-Hume Press
Available Br 5 Library

Sci

Jun 60

117, 731

The Effect of Solid Substances on the Decomposition of Carbon Tetrachloride in Aqueous Solution Under the Influence of Gamma Irradiation, by A. S. Baberkin, N. P. Krushinskaya, N. A. Proskurnin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 6, 1960, pp 1329-1331.

CB

Sci

149, 143

Apr 61

Sensitization and Suppression of Oxidizing-
Reducing Reaction at Radiolysis, by M. A.
Proskurnin, et al.

RUSSIAN, per, Uspekhi Khimii, Vol XXIV, No 5,
1955, pp 584-597.

Tech and Comm Trans

USSR
Sci. - Chemistry

29,800

The Action of γ -Radiation on the Oxidation of
Hexadecane, by M. A. Proskurnin, M. L. Khamelnitsky,
E. V. Barelko, A. T. Slepneva, I. I. Melekhonova,
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 5, Jan/Feb 1957, pp 886-889.

Consultants Bureau

Sci - Chemistry
Dec 57

56,848

ATS RI-1611

R-3774

Sensibilization of the Radiolytic Conversion of
Sodium Nitrate in Aqueous Alkaline Solutions,
by V. A. Sharpat, V. D. Orelov, M. A. Proskurnin,
9 pp.

RUSSIAN, bk, Action of the Ionizing Radiation on
the Inorganic and Organic Systems, Moscow, 1958,
Acad of Sci USSR, pp 37-42.

AEC 3389

Sci - Chem

Nov 58

76,443

PROSKURNIA, N. P F.
OREKHOV, A. P.

BT-529

(2 articles from Zhur Obshch Khim, Vol IX, No ² 1, 1939.
and No 5, 1939.

Establishment of the Structure of Sophoradine
and Leontine, by F. Rulko, N.F. Proskurnina.
4 pp.

RUSSIAN, per Zhur Obshch Khim,
Vol. XXXI, No 1, 1961, pp 308-312.

CB

Sci

192,584

Mar 62